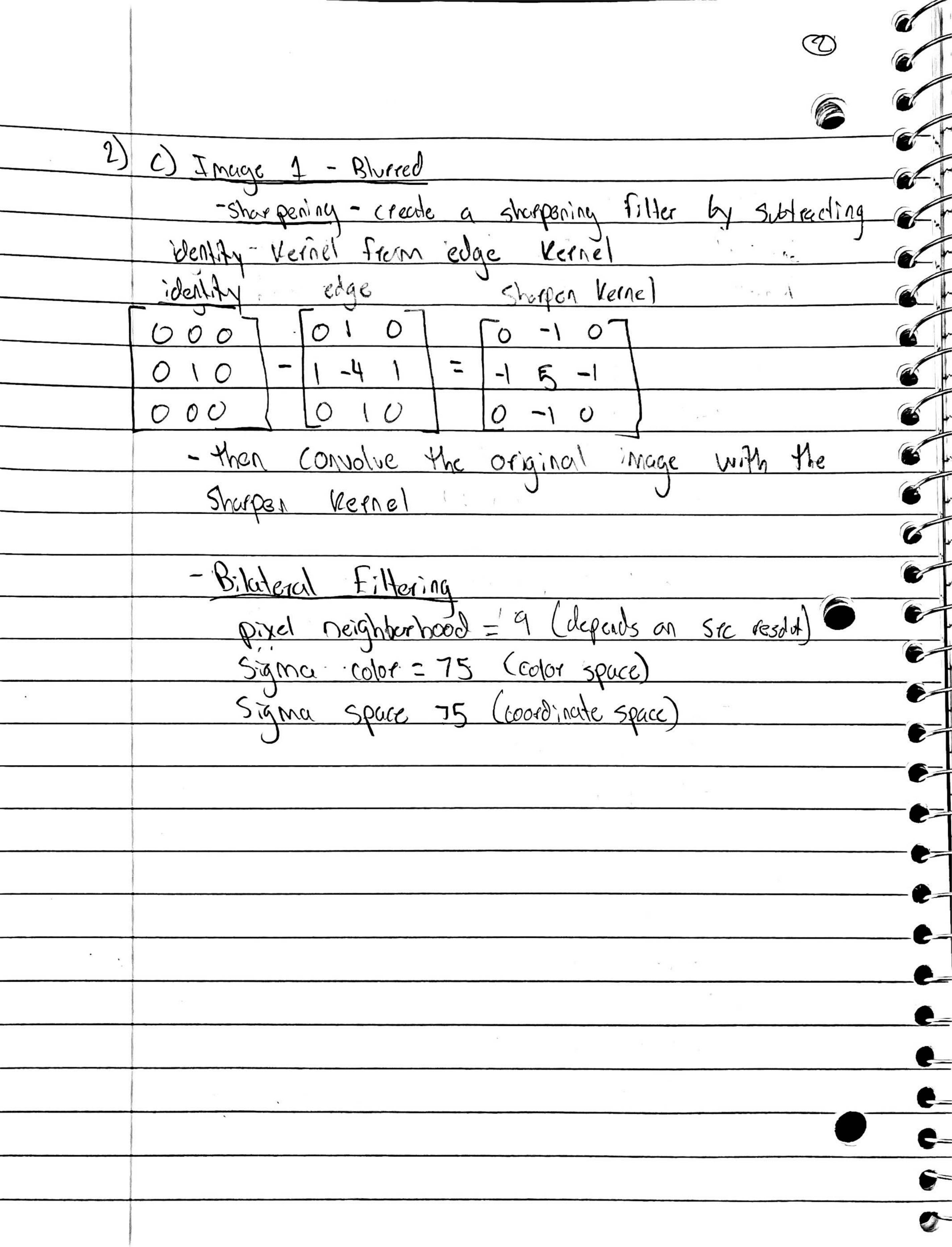
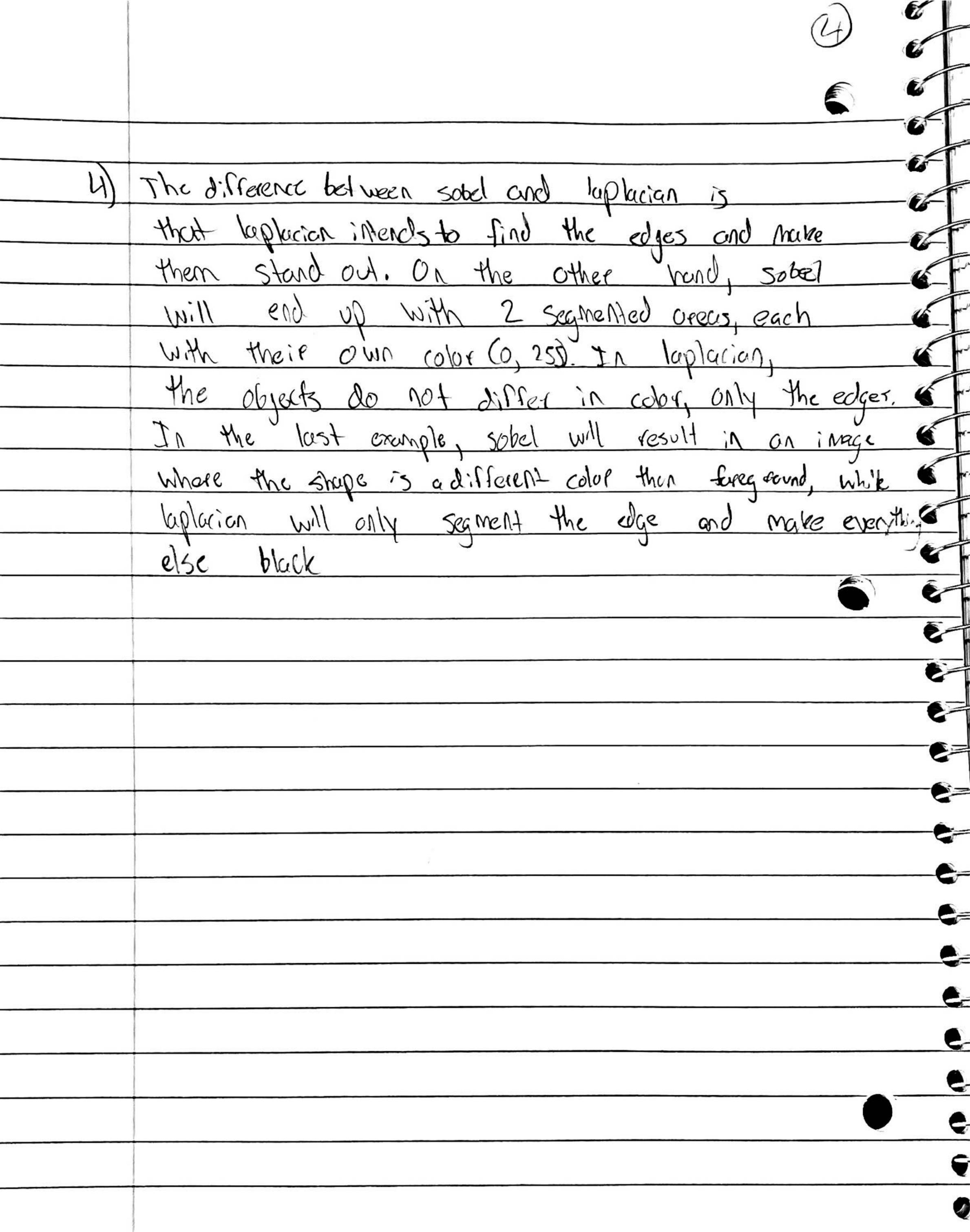
		Final Exam
		A) Image 1- Blurred (1055 of edges)
		B) Image 2 - Salt and Pepper noise
		1) Image 3 - Contrast is too similar across Enter imag
TO	2)	A) Image 3 - Contrast is too similar
		- Contrast Streching
		Port = (Pin - c) (b-a) + a
		where c= max amplitude found in image
		where d'= nin omplitude found in inage
	7-2	where b= upper bound (255)
S		where C = lower bound (0)
		- Gamma Correction to
		Loueted = Pixel 255
		- Y value of 3.5 will suffice.
-		$0)_{T_{\Lambda}}$
-		DI maje 2 - Salt and pepper noise
S		- Median Blur
9		- (3x3) Kernel Will work
		- Adaptive filtering - On = vortence of overall roise
		- Og2 = local mean of the Kernel overlap - Kernel size of 7x7
	alla	- Letter Size of IXI



	Final Exam	
2)	Sobel	
	J-1-2-1 -1 01	
	000 -202	
	121	
	150	
,	155	
	7550/100 / +200	
	250	
	+200 / ////	
	Verlice. 1=50 } R2-250/300 Horizontal	
	50 50 50 50 50 100	
)·	30 30 30 30 100	
·	1000000000000000000000000000000000000	
12-200	50 30 100 30 100	
200	50 50 100 100 100 100	
·		
	2) Laplacian	
	mmm 1	
	19 1 Sant Anti- de la	



	Final Exam
	11/101
3)	1) Run Length 11 N2 Nn
	1 2 2
	1 2 3 4
2	Qual Trec
	A) 6, 6, 6, 6
	B) [W, W, B; [WWBW] ; [WBWB] ; [BWWW]
	6;6,6; WWWB, WRWB, BWWW -DZTIKN
3)	fourier -12th
71.1	$\frac{1-(1+1)e^{4}}{2-(1+2)e^{4}} = \frac{3}{3} = \frac{3}{3} + $
1	2 -(1+71)e4 32 -(3+71)e4
\ \ \	$\frac{3}{3} - (1+3)^{\frac{1}{2}} = \frac{3}{3} = \frac{3}{3} + \frac{3}{3} = \frac{3}{3$
23	5 (2+3) = 9 21 -(2+1) = 29
1,0 =	(1)
4) (-	(-2,-1), $(-3,-1)$ $(-3,-2)$ $(-3-3)$ $(-7-3)$ $(-1-3)$
(0	(0,-1)

. 70	_	_
1	/	1
1	\mathcal{C}))
-	$\underline{\underline{u}}$	

	Final Exam
4)	1) The ASF Will result in a 1655 of 66% users
	5:9101 respones in $x(n, 3=1)$, $x(n, n_2)=0$ and $x(n, 3=-1)$
	July 40x porto 1111 Mail 11 11 11 11 11 11 11 11 11 11 11 11 11
	2) X=X(1,1)X + L(1,1)X = 6X (S
	$\chi[\eta,\eta_0] = \chi[\eta,\eta_0] =$
	1 1 1 1 1 1
	6(W, W) = 1+3e ^{3w} , = 16 - 3 cos(w)
	H*(wwo) 1-3e
	3) b(w, wn)= H (w, wn) 2+ [m, (w, wn) - [13-\frac{1}{16}-\frac{1}{3}(05(0)) + 1
5	Mation
	(0,0)(0,0)(1-1)(0,0)(0,0)(0,0)(0,0)
	(0,0)(0,0)(0,0)(0,0)(0,0)
	(0,0) $(0,0)$
	(0,0)(0,0)(0,0)(0,0)(0,0)(0,0)
	$\frac{(0)^{0}}{(0)^{0}}$
	$\frac{(0,0)}{(0,0)(0,0)(0,0)}$ lesidual.
	(0,0)(1,1)(0)
- M	

ALL S